

GENERAL NOTES:

- A. For type of block and joint finish, see other sheets.
- B. When blocks are laid in stacked bond, ladder type, galvanized joint reinforcement shall be provided. A minimum of 2-12 gauge wires continuous at 4'-0" maximum to be used. Locate reinforcement in joints that are at the approximate midpoint between bond beams.
- C. Horizontal joints shall be tooled concave or may be weathered. Vertical joints shall be tooled concave or may be raked.
- D. For intermediate wall heights that are between the "H's" given, use the tabular information for the next higher "H".
- E. Masonry strengths are listed in the "SOUND WALL REINFORCEMENT TABLE". See Standard Plan B15-3.

DESIGN NOTES:**DESIGN**

Uniform Building Code, 1997 Edition
and the Bridge Design Specifications.

DESIGN WIND LOAD

20 psf

DESIGN SEISMIC LOAD

0.57 Dead load

REINFORCED CONCRETE

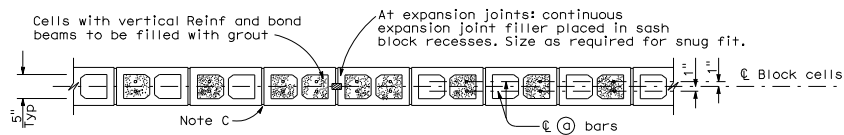
$f'_c = 3.6 \text{ ksi}$
 $f_y = 60 \text{ ksi}$

CONCRETE MASONRY**REGULAR STRENGTH**

$f'_m = 1500 \text{ psi}$
 $f_b = 495 \text{ psi}$
 $f_s = 24,000 \text{ psi}$
 $n = 25.8$

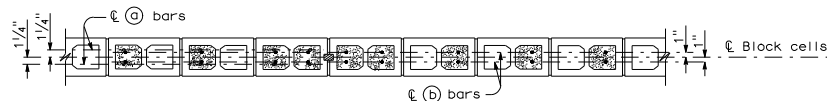
HIGH STRENGTH

$f'_m = 2000 \text{ psi}$ $f'_m = 2500 \text{ psi}$
 $f_b = 660 \text{ psi}$ $f_b = 830 \text{ psi}$
 $f_s = 24,000 \text{ psi}$ $f_s = 24,000 \text{ psi}$
 $n = 19.3$ $n = 15.5$

**SECTION A-A**

For details not shown, see other sections.

H=6'-0" THRU H=10'-0"

**SECTION A-A****SECTION B-B**

For details not shown, see other sections.

H=12'-0" THRU H=16'-0"

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
<p><i>Douglas J. Durrant</i> REGISTERED CIVIL ENGINEER</p> <p>May 1, 2006 PLANS APPROVAL DATE</p> <p>The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.</p> <p>To get to the Caltrans web site, go to http://www.dot.ca.gov</p>					

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STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**SOUND WALL
MASONRY BLOCK ON PILE CAP
DETAILS (2)**

B15-4